

In the claims:

1-6. (Canceled)

Sub 217
7. (Previously presented) A software program for facilitating the use of a distributed directory running in a computer network, the program comprising being stored on a recordable medium and including instructions for:

- receiving a first event from an application;
- converting the first event into XML data representing the first event;
- transforming the XML data representing the first event to a first predetermined format by the transformation processor, the first predetermined format being responsive to the distributed directory;
- transmitting the transformed XML data representing the first event to the distributed directory;
- after receiving the first event from the application, receiving a second event from the distributed directory into an XML generator;
- converting the second event into XML data representing the second event;
- transforming the XML data representing the second event to a second predetermined format by the transformation processor, the second predetermined format being responsive to an application running in the computer network;
- transmitting the transformed XML data representing the second event to the application;
- after receiving the first event from the application, receiving a third event from the distributed directory into an XML generator;
- converting the third event into XML data representing the third event;
- transforming the XML data representing the third event to a third predetermined format by the transformation processor, the third predetermined format being responsive to an application running in the computer network; and
- transmitting the transformed XML data representing the third event to the application;
- providing a first stylesheet to an XSLT processor, the stylesheet including formatting instructions for transforming XML data to the first predetermined format; and
- providing a second stylesheet to the XSLT processor, the second stylesheet including formatting instructions for transforming XML data to the second predetermined format wherein the first stylesheet is different from the second stylesheet.

8. (Canceled).

9. (Previously presented) The software program of claim 7 further comprising instructions for:

C1 receiving updates to the first stylesheet responsive to any changes in either the distributed directory or the application.

10. (Previously presented) The software program of claim 7 wherein the transformed XML data representing the second event is transmitted to the application through an application shim to provide the transformed XML data representing the second event to the application by using a native application program interface for the application.

11. (Previously presented) The software program of claim 7 further comprising instructions for:

detecting the second event through notification from an event handler of the distributed directory.

12. (Canceled)

13. (Previously presented) The software program of claim 7 wherein the program further comprises instructions for:

providing a third stylesheet to the XSLT processor, the third stylesheet including formatting instructions for transforming XML data to the third predetermined format.

14. (Canceled)

15. (Previously presented) A software program for facilitating the use of a distributed directory running in a computer network, the program comprising instructions for:

receiving an event from an application prior to receiving event data from the distributed directory;
converting the event into markup language data;
transforming the event to a predetermined format by a transformation processor, the predetermined format being responsive to the distributed directory;
providing a transformation profile to the transformation processor, the transformation profile including formatting instructions for transforming the markup language data to the predetermined format;
and
transmitting the transformed event to the distributed directory.

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16. (Canceled)
17. (Canceled)
18. (Currently amended) A distributed computer system comprising:
a first processor connected to a network for executing computer code;
a second processor connected to the network for executing computer code;
a first memory connected to the first processor;
a second memory connected to the second processor;
a distributed directory, a portion of which being stored in the first memory;
an application, a portion of which being stored in the second memory;
a first transformation profile for defining a first predetermined format for use by the distributed directory;
a second transformation profile for defining a second predetermined format for use by the application;
software for detecting a directory event in the distributed directory;
software for detecting an application event in the application prior to detecting the directory event;
software for transforming the application event to the second predetermined format by using a generic transformation tool and the first transformation profile; and
software for providing the transformed application event to the distributed directory;
software for transforming the directory event to the first predetermined format by using a generic transformation tool and the first transformation profile; and
software for providing the transformed directory event to the application;
whereby the distributed directory becomes aware of the application event by having the application event provided to the distributed directory in a transformed state and whereby the application becomes aware of the directory event by having the directory event provided to the application in a transformed state.
19. (Previously presented) The system of claim 18 further comprising:
software for converting the directory event to a generic data description before transforming the directory event.
20. (Previously presented) The system of claim 18 further comprising:

an application shim for the application to receive the transformed directory event and provide the directory event to the application by using a native application program interface for the application.

C1 21. (Canceled)

22. (Currently amended) The system of claim 18 wherein the generic transformation tool utilizes a markup language and the software for transforming the directory event and the software for transforming the application event utilizes a transformation processor.

Please add the following new claims:

--23. A distributed computer system comprising:
a distributed directory;
a first transformation profile for defining a first predetermined format for use by the distributed directory;
software for detecting an application event in an application and for initiating communications to the distributed directory when the application event is detected;
software for transforming the application event to the first predetermined format using the first transformation profile;
software for providing the transformed event to the distributed directory;
a second transformation profile for defining a second predetermined format for use by the application,
whereby the distributed directory becomes aware of the application event by having the application event communicated to the distributed directory.

24. The system of claim 23 further comprising:
software for detecting a directory event in the distributed directory in response to receiving the application event;
software for transforming the directory event to the second predetermined format using the second transformation profile; and
software for providing the transformed directory event to the application.

25. The system of claim 23 further comprising:
an application shim in communication with the application and the distributed directory.--

receiving a second event from the application,” independent claim 15 claims “receiving an event from an application prior to receiving event data from the distributed directory,” and independent claim 18 claims “software for detecting an application event in the application prior to detecting the directory event” and “whereby the distributed directory becomes aware of the application event by having the application event provided to the distributed directory in a transformed state.”

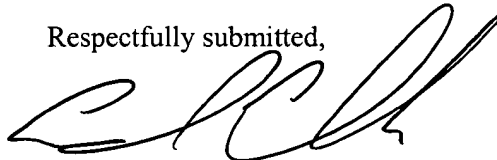
Respectfully, the Examiner has not made out the prima facie case of obviousness required under §103. Therefore, the rejection as to independent claims 7, 15, and 18 should be withdrawn. Because claims 9-11, 13, 19-20, and 22 depend from and further limit the independent claims, they too are in condition for allowance.

Conclusion

Therefore it is respectfully submitted that claims 7-11, 13, 15, 18-20, and 22 are in a condition for allowance.

Should the Examiner deem that amendment is desirable to place this application in condition for allowance, the Examiner is invited to telephone the undersigned at the below listed telephone number.

Respectfully submitted,



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on August 5 2003

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